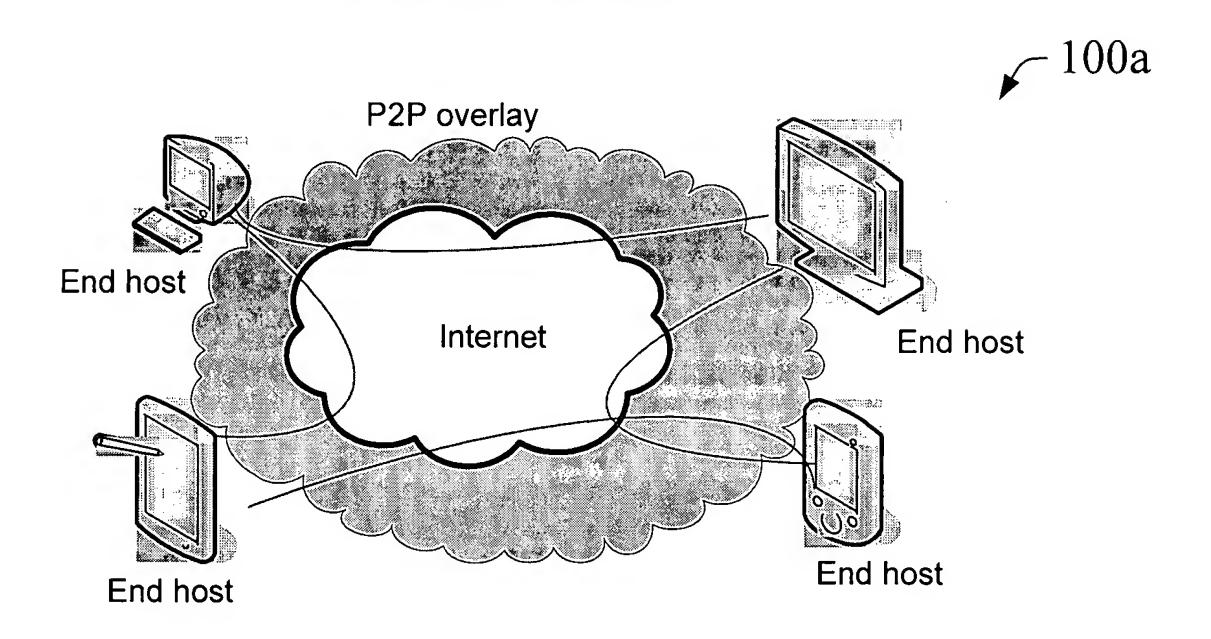
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Figure la (Related Art)

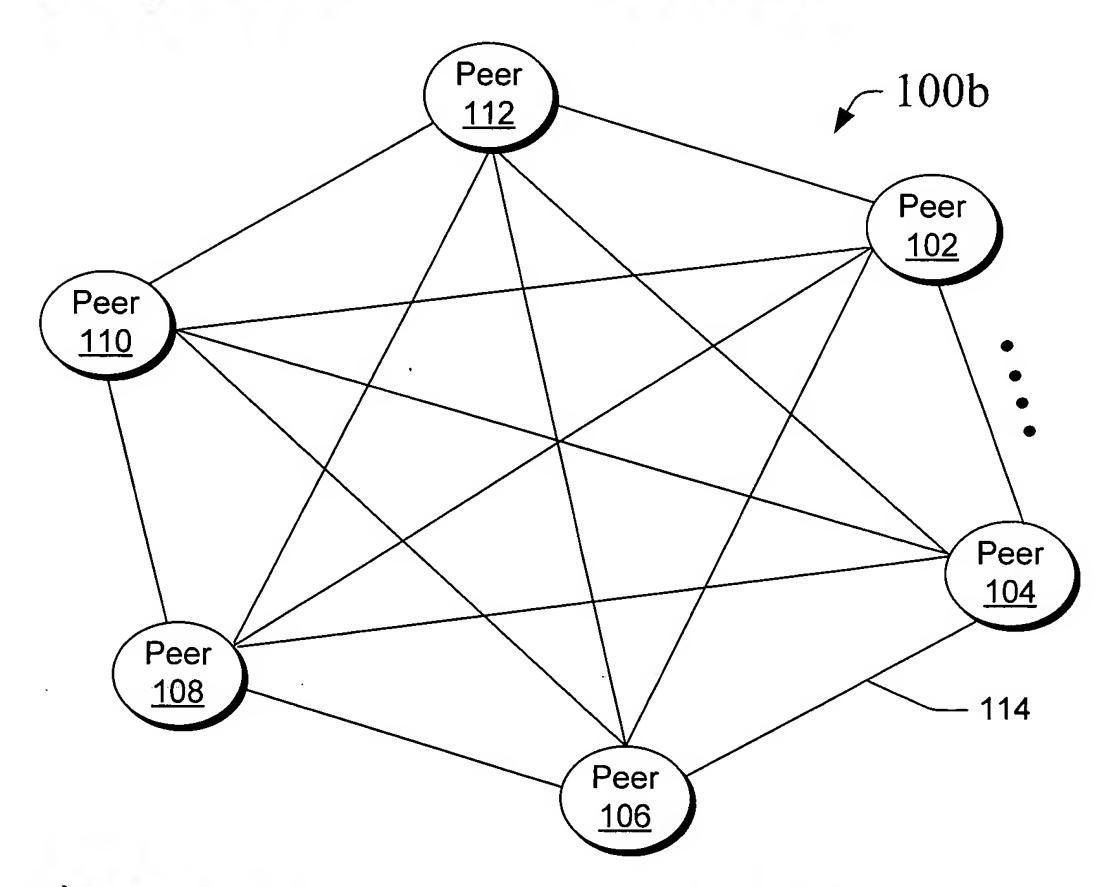


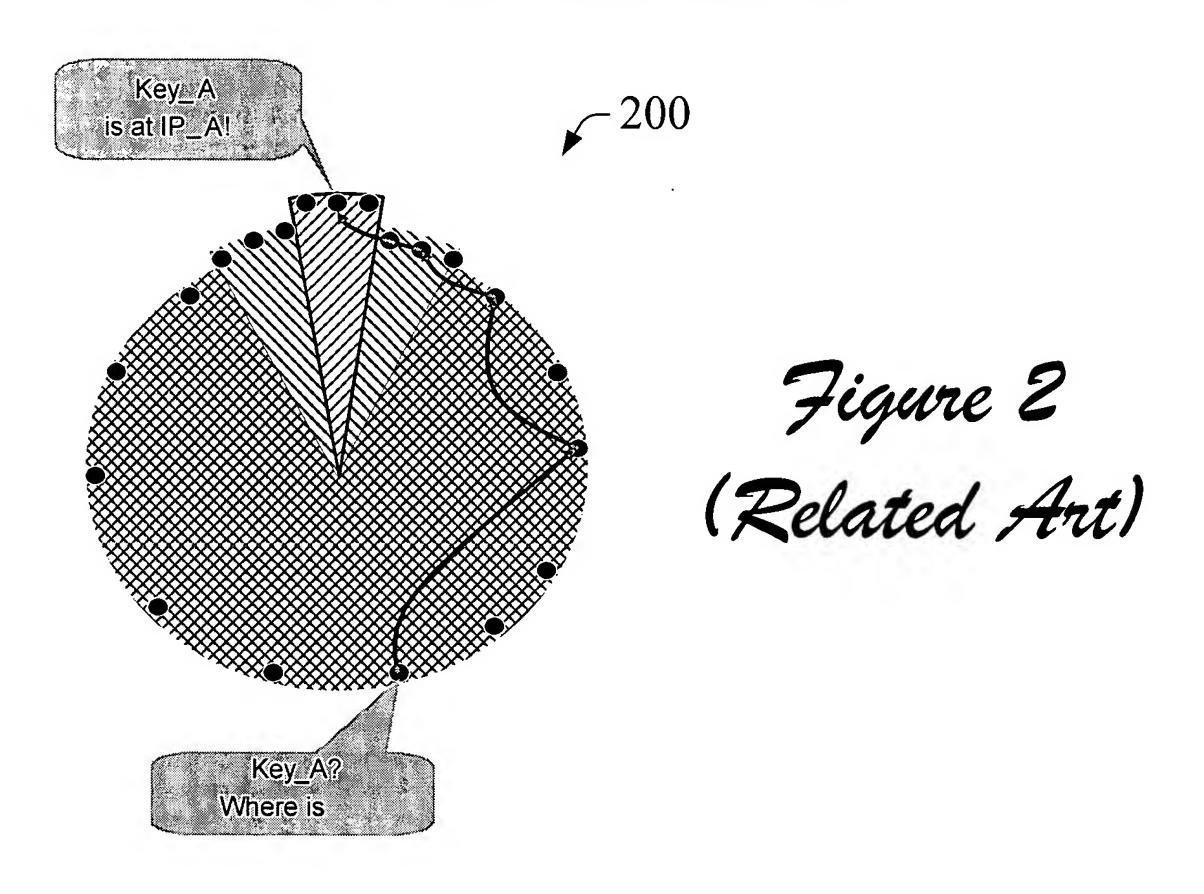
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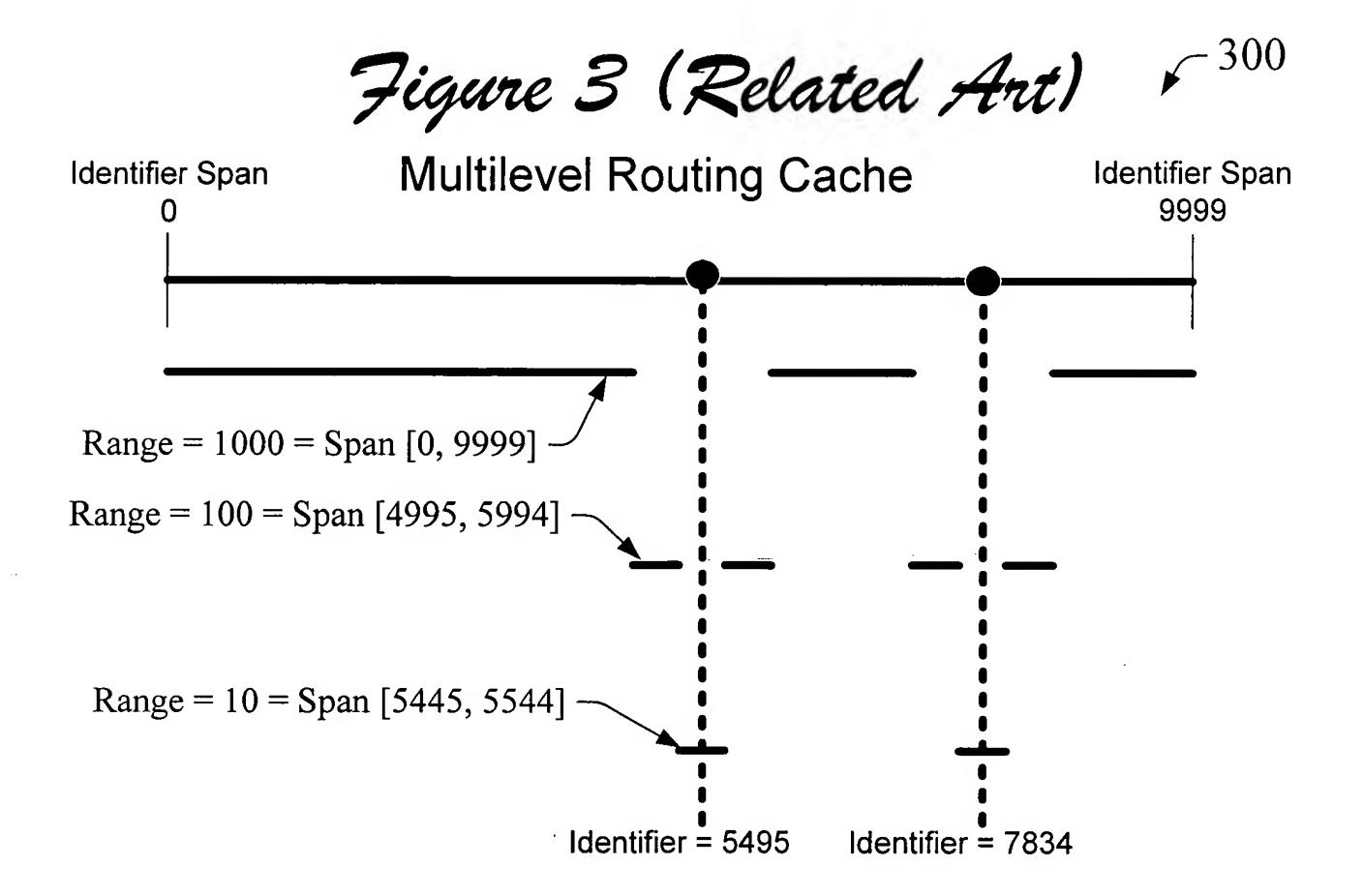
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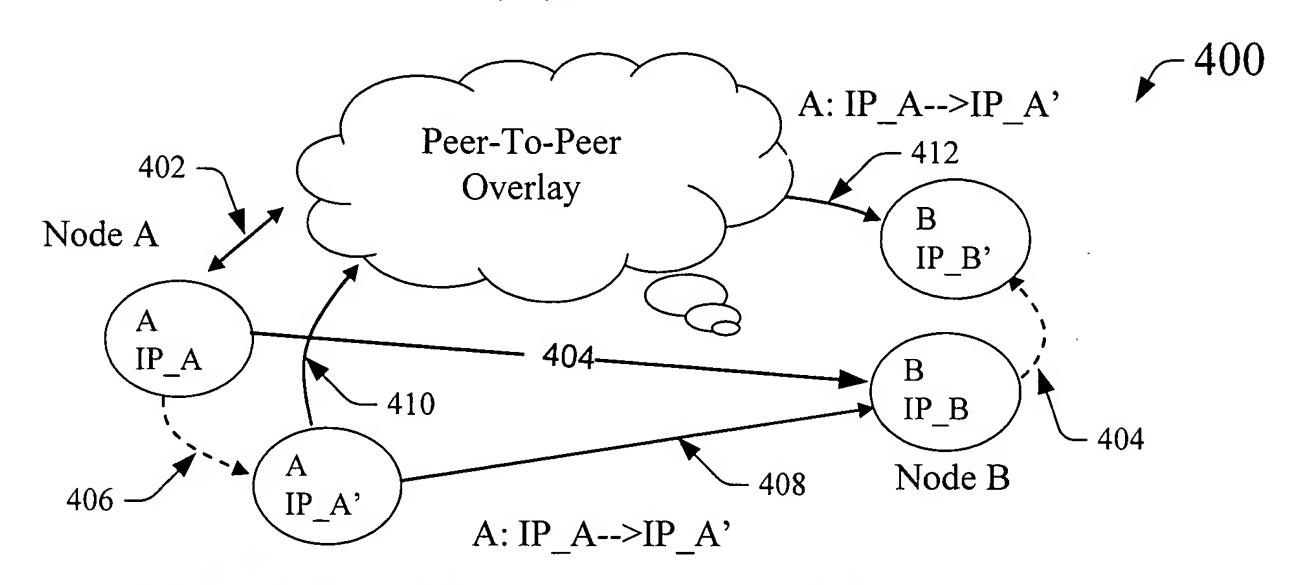
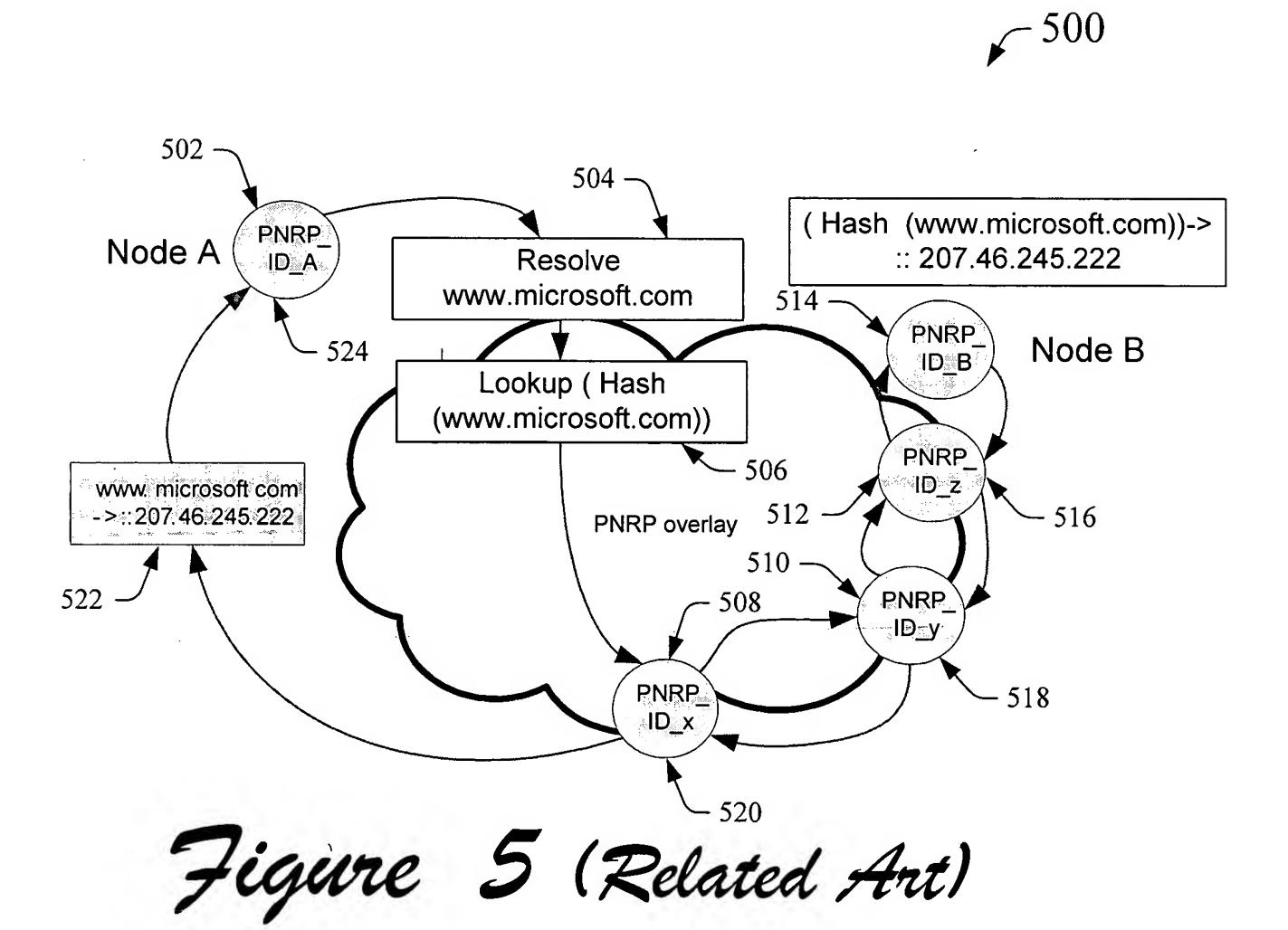


Figure 4 (Related Art)



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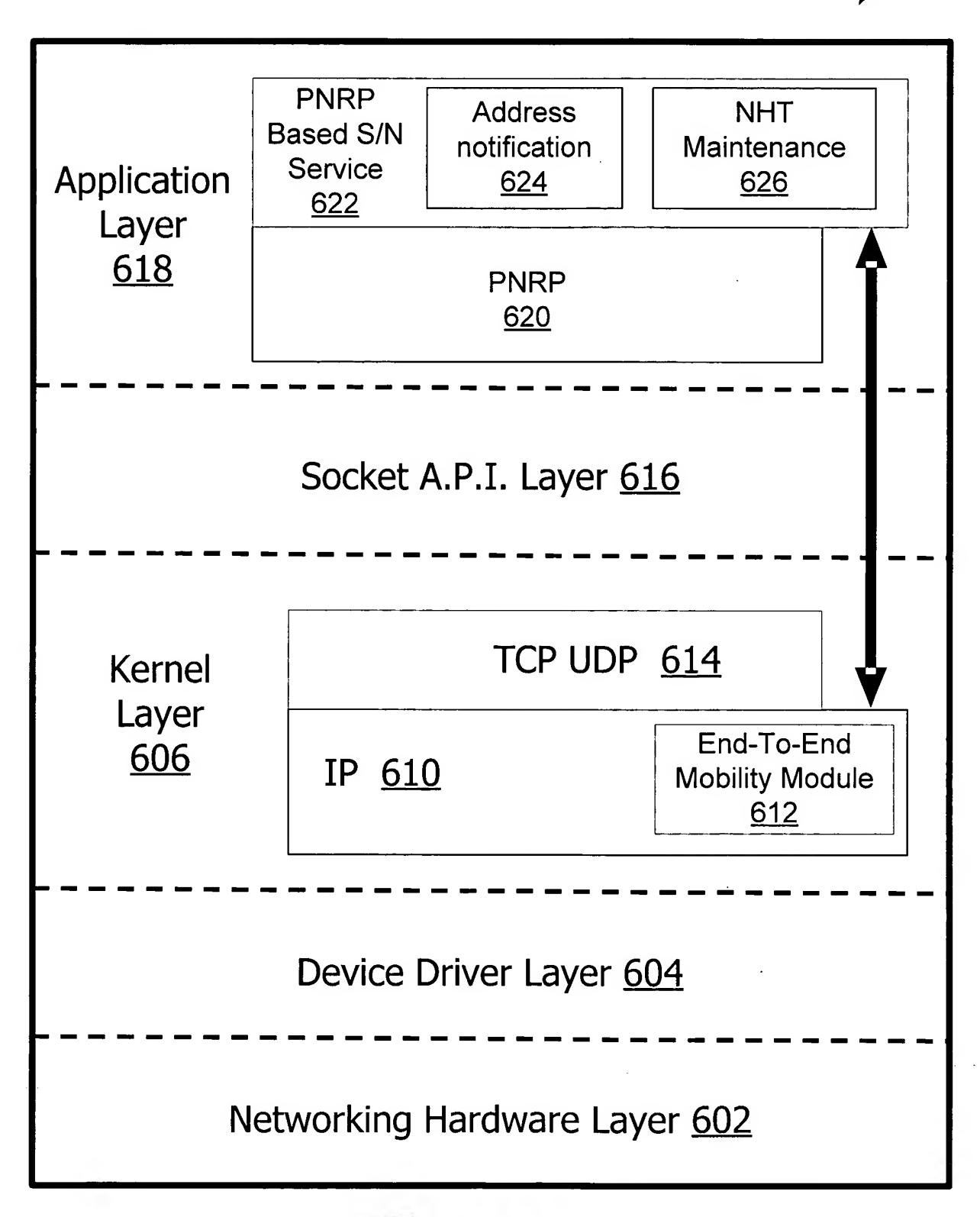


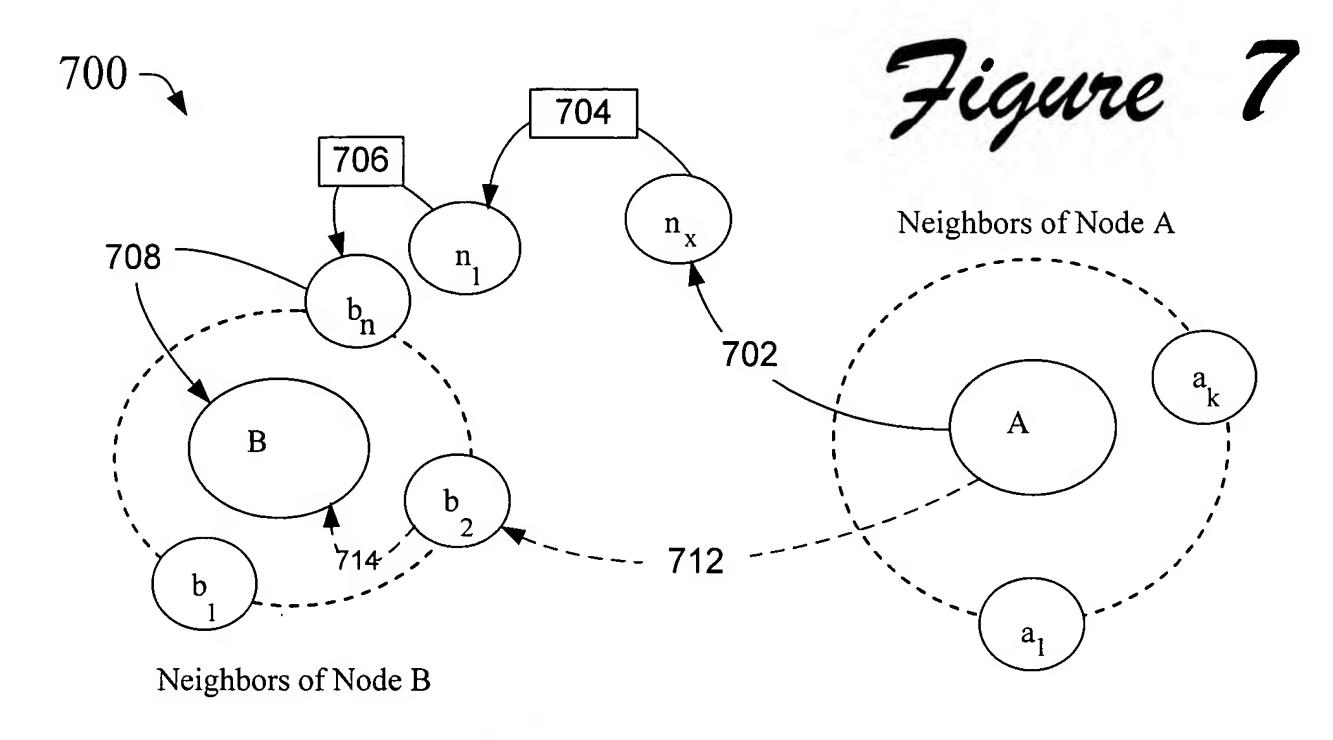
Figure 6

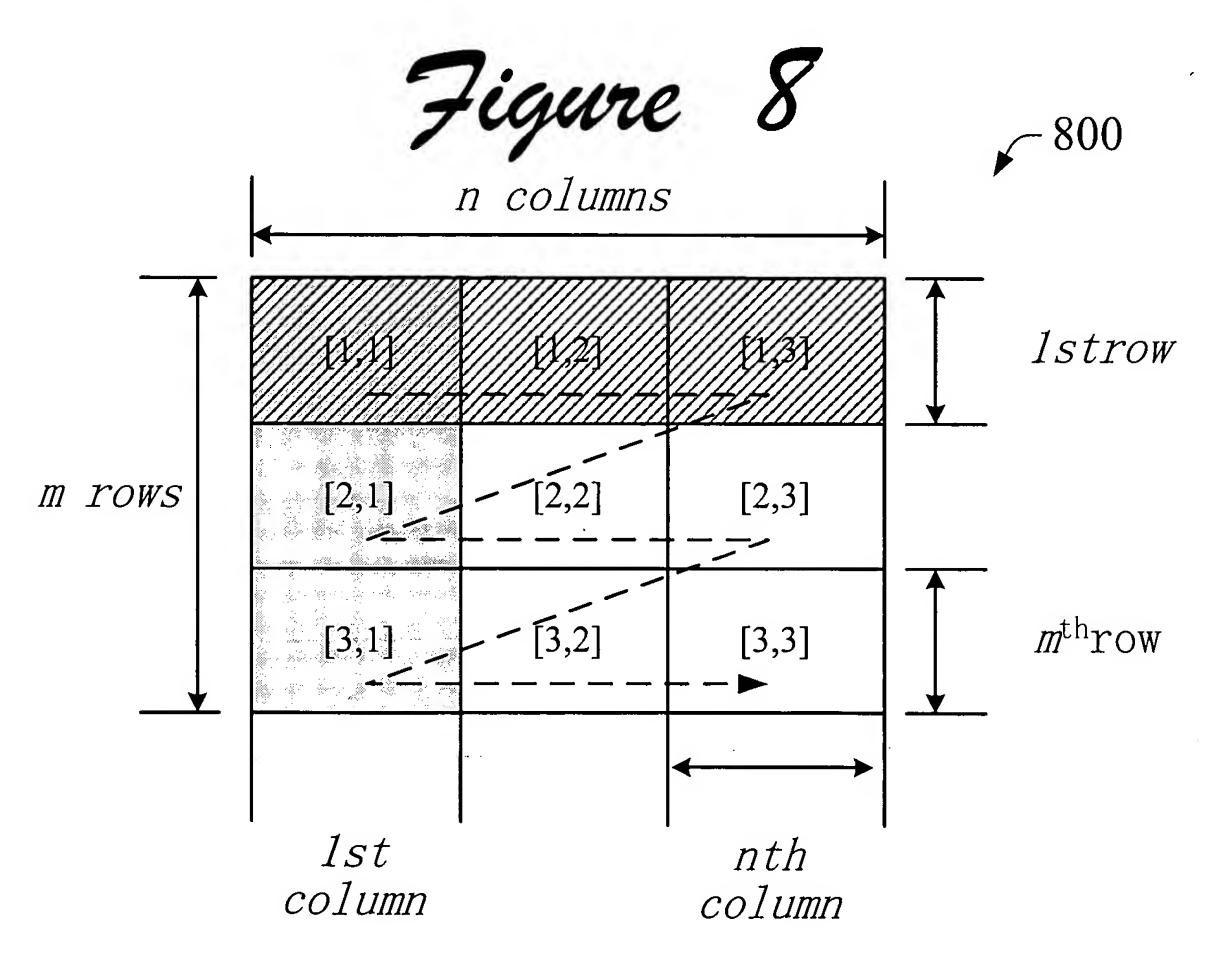
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Prioritized Neighbor Hint Table (NHT)

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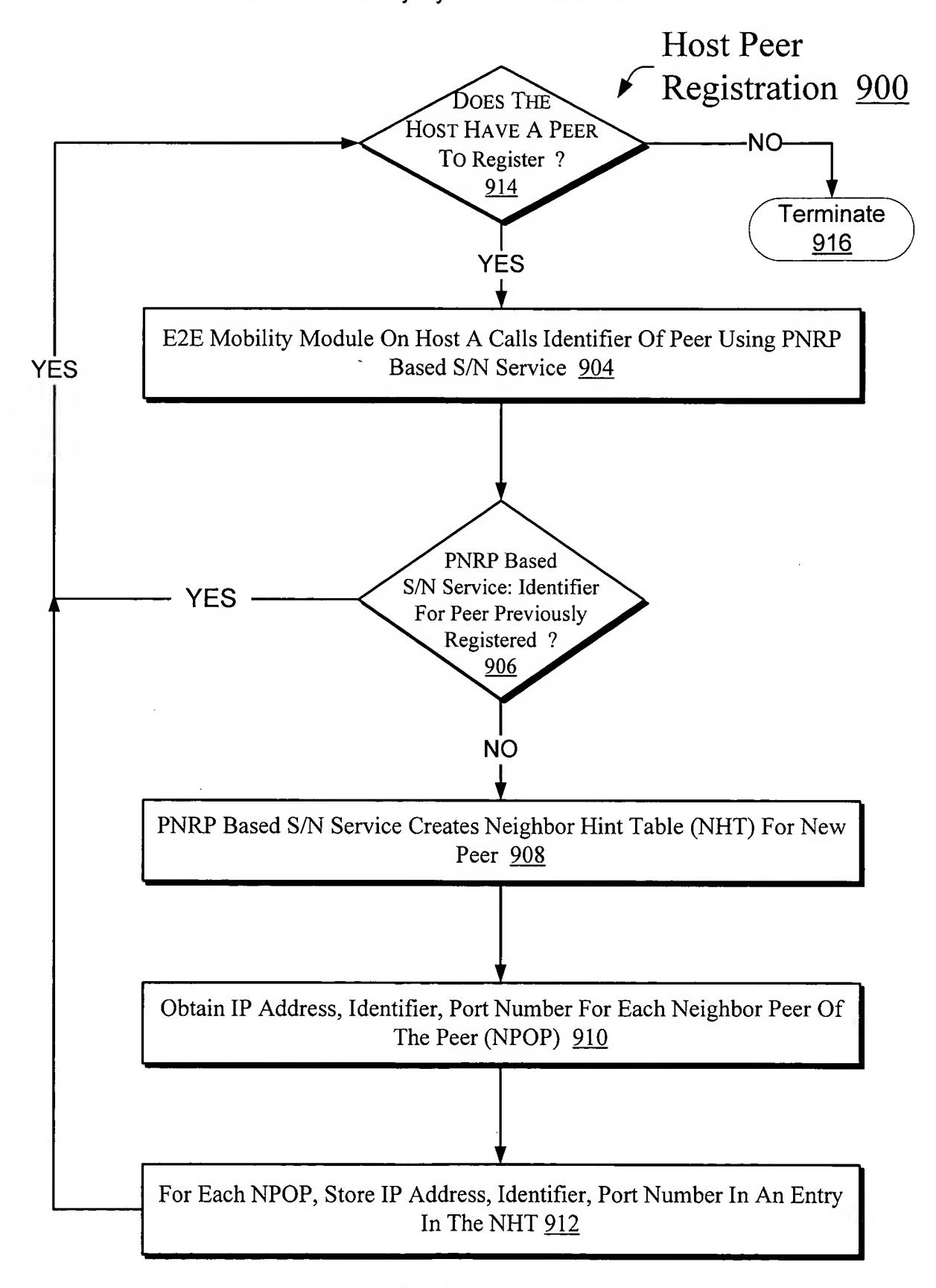


Figure 9

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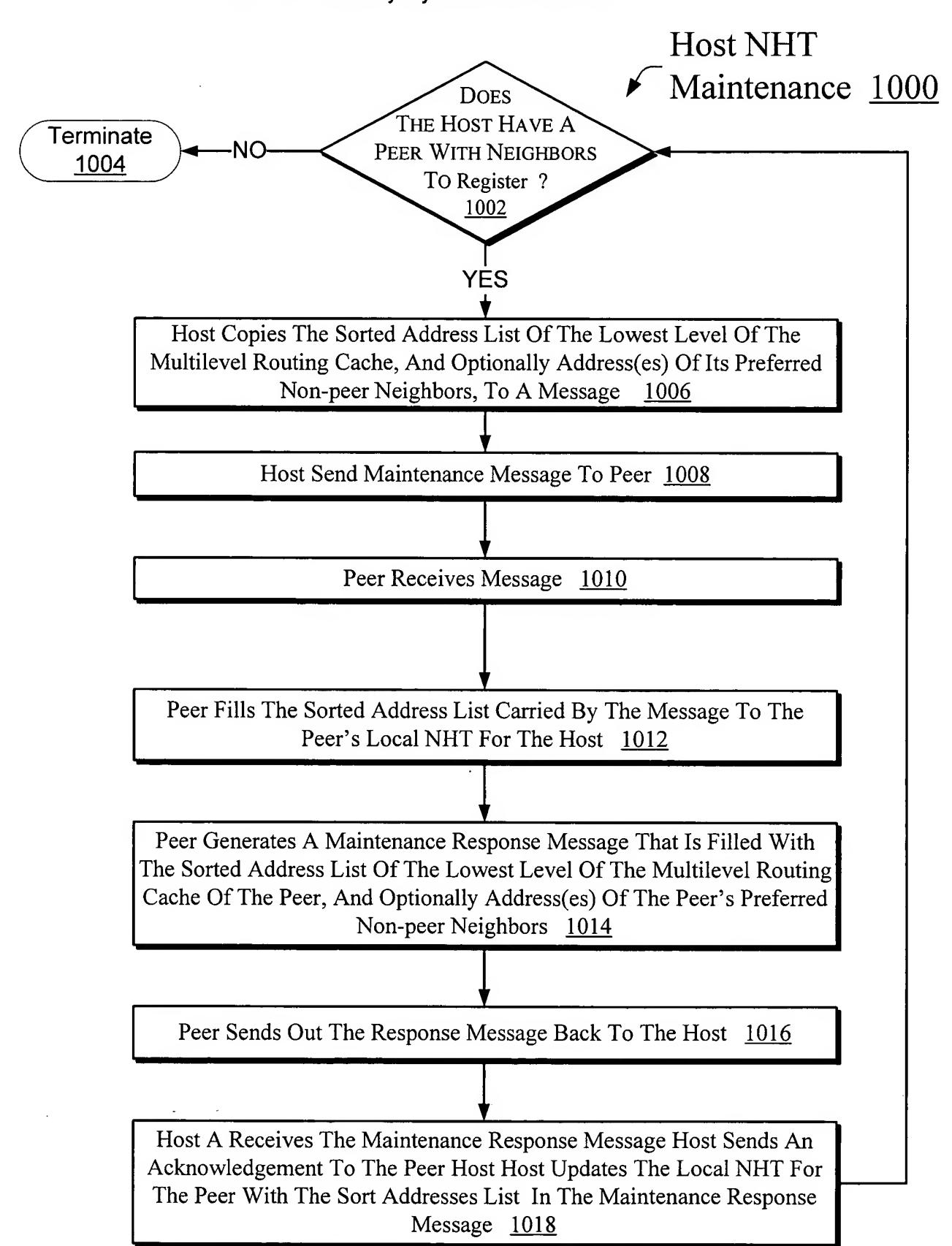


Figure 10

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Detects IP Address Change; And A Connection To The Host's Peer Fails In An Attempt To Deliver An Address Update Message Directly To The Peer 1102 -1100

PNRP Based S/N Module At Host:

Receives Notify Request From E2E Mobility Module; And Delays Sending A Notification Message For A Predetermined Threshold During Which The E2E Mobility Module Attempts To Resume The Connection To The Peer 1104

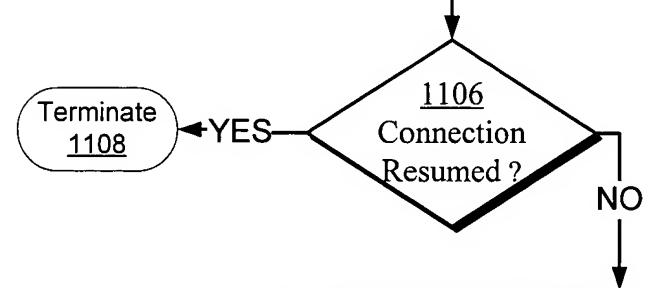


Figure 11

Host Sends Notification Message To Each Neighbor In
The First Row Of The NHT That Corresponds To The Peer 1110

Multilevel
Routing Table Cache Of
The Neighbor Contains
The Peer's Identifier?

1112

YES

Neighbor Performs PNRP
Forwarding Of The Notification
Message To A Cached Peer Having
An Identifier That Is Closer
To The Peer Than
That Of The Neighbor 1118

Neighbor Directly Forwards Notification Message To The Peer Using The Identifier Cached At The Neighbor 1114

The Peer: Receives At Least One Notification Message Forwarded By Its Neighbors;
Responds Only To The First Notification Message Received;
Generates A Notification Response To The First Notification Message; And
PNRP Based S/N Service At The Peer Notifies Its E2E Mobility Module
About The Updated Information 1116

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Title: P2P Mobility System and Method



